

Canon cable male and female ends are different sizes one large one small



Overview

XLR connectors are available in male and female versions in both cable and chassis mounting designs, a total of four styles.

Key Takeaways

The different sizes of male and female ends on Canon cables are due to the use of standard XLR and Mini-XLR connectors, where the male has protruding pins and the female has recessed sockets to ensure proper, secure connections. Connector Design and FunctionXLR connectors, often called Cannon connectors, are widely used in professional audio and video equipment, including Canon cameras. They come in male and female versions: the male connector has pins, while the female connector has corresponding recessed sockets.

This design ensures that the ground connection (Pin 1) is made first, preventing static pops or signal interference when connecting live equipment (). The size difference is intentional: the female end is slightly larger to accommodate the male pins and provide a secure fit (). Mini-XLR vs Standard XLR Some Canon cameras, like the C70 or Blackmagic Pocket Cinema Camera, use a Mini-XLR male connector on the camera side and a standard XLR female connector on the microphone or mixer side.

The Mini-XLR is smaller to fit compact camera inputs, while the standard XLR is larger for professional audio equipment (). This explains why one end of the cable is noticeably smaller than the other.



Practical Implications

Correct orientation: Male pins always insert into female sockets; reversing can damage pins or equipment. Secure connection: The female end's larger size and recessed contacts provide mechanical stability and reduce accidental disconnection. Compatibility: Using the correct male/female combination ensures proper signal flow and maintains balanced audio integrity, minimizing noise and interference ().

In summary, the size difference between male and female ends on Canon cables is a standard feature of XLR and Mini-XLR connectors, designed for safe, reliable, and interference-free connections between cameras, microphones, and audio equipment.

Article Content

XLR Connector Types Guide: 3/4/5/6/7 pin configurations

The female connector contains socket contacts recessed within an insulated barrel, while the male connector features protruding pins, both

A Comprehensive Guide to XLR Connectors

XLR interface is generally divided into male and female, male for output and female for input. XLR cable is usually used to connect microphones,

XLR connector

XLR connectors are available in male and female versions in both cable and chassis mounting designs, a total of four styles. This is slightly unusual as many other connector designs omit one of the styles

Kondor Blue Mini-XLR Male to XLR Female Audio Cable KB-MINIXLR25

This 25" long cable connects to the camera's 48V mono input with the 3-pin mini-XLR male connector, and on the other end is a standard 3-pin XLR female connector to plug into your mic or mixer.

XLR connector

An XLR3M (male) connector is used for an output and an XLR3F (female) for an input. Thus a microphone will have a built-in XLR3M connector, and signal cables such as microphone

Engineering:XLR connector

Design XLR connectors are available in male and female versions in both cable and chassis mounting designs, a total of four styles. This is slightly unusual as many other connector designs omit one of

XLR connector pinout and information

This information provides a detailed overview of the XLR connector pinout and its various configurations and uses, particularly in professional audio environments.

Canon Male Audio Cable: The Missing Link for Stable KTV

While marketed primarily for KTV applications, this Canon male to female XLR cable functions identically in any professional or semi-professional audio environment requiring balanced analog signal transfer.

The Ultimate Guide to Audio Connectors and Cables

In this guide, I cover all the different types of audio connectors and cables you might encounter. I'll break down what each connector is commonly used for and investigate the technical

What Is the Difference Between Male and Female

The primary difference between these two types of connectors is the direction in which they connect. The male end points outwards, while the female

What to Know About Coaxial Cables and Connectors

Coaxial connectors and cables carry signals. They have genders, polarity, sizes, types, and advantages. Learn more about coax cables and what you need to find the right ones.

Identifying Your USB Connector and Cable Types | A Full Guide

If the cable has a Type-A connector at one end (as in the above image), that will usually be the first type. The second will be the shape of connector that will plug into your device. Some cables have the

Types Of Power Cord Ends

These cords also come in different shapes and sizes, so it's important to make sure you have the correct one for your specific device. In conclusion, understanding the different types of

How to Identify the Different Ends of a USB Cable

USB cables have two ends, and each end can be different. On one end of the cable is the A connector. The other end, most likely, has the B connector.

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Types of Cables and Their Connectors

Depending on the Canon product that you own, you will need one or more of the following kinds of cables below. Images of the connectors for these cables are

How to Identify Coaxial Cable Ends | Bafitop Connector Guide

Learn how to identify coaxial cable ends, distinguish male vs female, and recognize F-type, BNC, SMA, and N connectors for TV, RF, and CCTV systems.

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